

INTEGRATETM

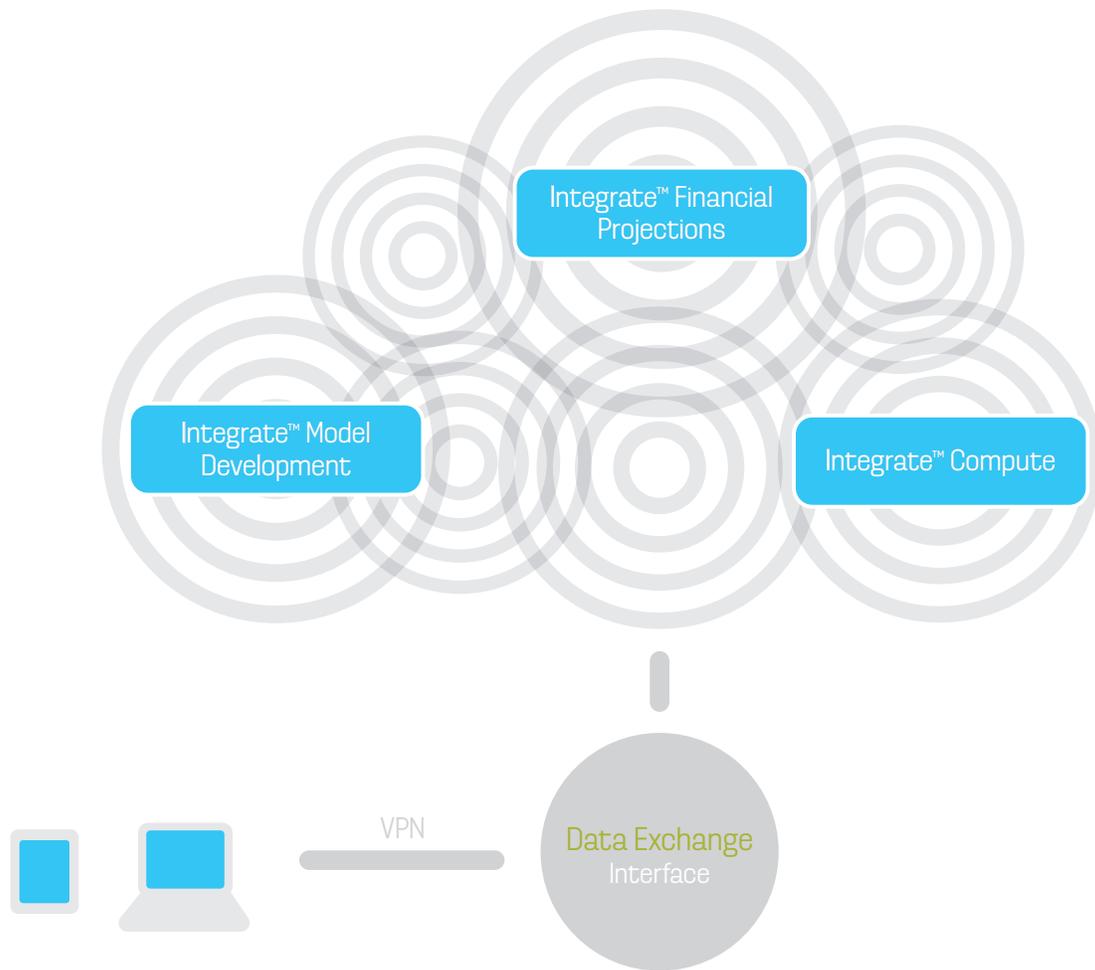
"For us, transforming to one actuarial system was absolutely essential to achieving better synergies."

– Andy Moss
Finance Director, Phoenix Life

Integrate™ is a revolutionary, cloud-based financial projection solution for the life insurance industry. Delivered as Software as a Service (SaaS), Integrate replaces patchwork systems and processes with a holistic, automated modeling environment that enables actuarial departments to:

- streamline workflow
- facilitate collaboration
- tighten governance and control
- strategically redeploy high-level talent
- access scalable, virtually unlimited computing capacity

The Integrate environment contains four key components that manage risk, maximize productivity, and unlock the full potential of the actuarial staff. Each of these components is described below:



Integrate™ Financial Projections:

This component automates the modeling workflow, the governance and control of assumption management, and the collaboration across all aspects of model management. Integrate is based on using a common model with various workspaces to specify the workflows necessary to produce a range of actuarial analyses, such as cashflow testing, valuation, business plan projections, and capital management. The assumption management feature provides the ability to define various versions of assumptions to be used for different applications and to manage the governance around the updating of assumptions.

Integrate™ Model Development:

The Model Development component provides a source control system, release management, enhancement and bug tracking processes, and a document repository related to the formula database, which is the repository for the actuarial formulas. Integrate Model Development allows for the ongoing customization and management of the formula database by multiple developers in a single cloud environment. The system provides collaboration tools for the developers, testers and managers to facilitate and govern the model development.

Integrate™ Compute:

The Compute component manages Integrate's processing requests to maximize cost and time efficiencies while enabling supercomputer-level calculation intensity. For example, if a job calls for a projection model to be processed over 1,000 economic scenarios, Integrate Compute will request 1,000 engines in Microsoft Azure, distribute the projections accordingly, and then shut the engines down when the job is complete.

Data Exchange Interface:

This component allows for secure, seamless communication between the modeling environment and a client's data warehouse. Through the Data Exchange, Integrate can receive insurance policy records, investment account records for assets, and economic scenarios. The Data Exchange also allows Integrate to deliver financial projection results at whatever level of granularity clients require for their management and analytic reports.

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